Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 20 Jul 2023 until 23:59 on Friday 21 Jul 2023

Forecast Issued on Wednesday 19 Jul 2023 at 13:05

Confidence: High confidence for turning more unsettled this weekend, but lower confidence in precipitation and cloud detail.

Headline for Thursday 20 Jul 2023: Sunny spells and scattered showers.

Mountain weather hazards on Thursday 20 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Cloudy	Sunny intervals
Precipitation probability							
<05%	<05%	10%	20%	40%	40%	30%	10%

Forecast for Thursday 20 Jul 2023

Weather: Mostly dry start, although the odd shower is possible. Sunny spells through the morning with scattered showers developing, and the odd sharp shower still possible by early afternoon. Showers become more isolated from late afternoon to give a generally fine evening.

Chance of cloud-free hill tops above 600m: 80% early hours, soon becoming near 100% through the morning.

Low Cloud and visibility: Any overnight patches of summit cloud soon dispersing then cloud lifting comfortably above summits during the morning. Visibility generally good or very good, perhaps briefly lower in any moderate showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 20 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/8 W	7/9 W	6/10 W	8/13 W	9/14 NW	10/16 W	9/15 W	8/15 W	7/11 W
300	3/6 W	2/7 W	2/7 W	5/11 NW	8/15 NW	8/16 W	8/16 W	7/15 W	5/10 W
Valley	3/6 NW	1/4 NW	2/5 W	6/11 W	6/14 NW	7/14 SW	8/16 W	4/12 NW	3/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/8	8/6	8/7	10/8	11/9	12/10	11/9	9/7	8/6
300	8/7	6/5	9/9	13/13	14/13	14/13	14/12	10/9	9/8
Valley	10/10	8/7	11/11	14/13	15/14	16/14	15/14	12/11	11/10
Freezing Level*	1900m	1700m	1700m	1800m	1900m	1900m	1900m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels remain high in sunny spells, so sun protection is advisable.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 Jul 2023	3.2mm	5.4mm	10.6mm

Forecast for Friday 21 Jul 2023

Weather: Probably becoming rather cloudier through the early hours with scattered showers to start the morning. However, cloud should tend to break through the morning to give some sunny spells but still with a scattering of mostly light showers. Becoming mainly dry for a time through the evening as any showers fade, although cloud may increase again from the west after dusk, bringing some showery rain.

Maximum wind: West to northwest 15 mph gust 25 mph.

Chance of cloud-free hill tops above 600m: 90-100% for most if not all daylight hours, probably lowering after dusk.

Low Cloud and visibility: Any overnight patches of summit cloud soon dispersing, then cloud should remain comfortably above summits through daylight hours with generally very good visibility. Cloud may lower onto highest summits after dusk.

Temperature: **Valleys:** Plus 11 degrees Celsius rising to Plus 18 degrees Celsius.
At 600m: Plus 8-11 degrees Celsius.
Freezing level: Above summits.

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